

Softball Center New Facility



Project Description

The approximately 10,200-gross-square-foot Softball Center will include locker rooms for players and coaches, staff offices, a team meeting room, athletic medicine and fitness spaces, hydrotherapy pools, and support space. The project will also include site restoration including the plaza and extension of a water main loop through that area for increased fire protection.

Energy Efficiency Measures

The building has been designed to be 30% better than Michigan Energy Code ASHRAE 90.1-2007 and has employed the following Energy Conservation Measures:

- Wall insulation values 72% better than ASHRAE 90.1-2007
- Roof Insulation values 23% better than ASHRAE 90.1-2007
- Window glazing performance that is 23% better than ASHRAE 90.1-2007
- Window Shades on all West-facing glazing
- Optimized occupancy schedules, HVAC system zoning, and part load HVAC system efficiency
- Improved ventilation efficiencies
- Heat Recovery
- Demand Control Ventilation
- Very limited use of incandescent lighting
- Utilization of energy-efficient LED site lighting
- Occupancy sensors tied to lighting controls to harvest daylight
- Heat Pump to recover waste heat from chilling cold hydrotherapy pool and use for heating warm hydrotherapy pool.

Other Sustainability Features

- Only low-VOC materials used on interior spaces
- 20% recycled and regional materials
- 75% diversion rate for construction waste
- Indoor Air Quality plan for all construction activities
- 20% reduction in potable water demand based off code requirements
- Reuse of previously developed site

Project Data

- Budget: \$5.3 M
- Schedule: Completion Scheduled for Winter 2014
- Square Feet: 10,200 gross sq. ft.

Status as of October 2013

- Project Status: Construction
- Design Complete: 100%
- Construction Complete: 48%